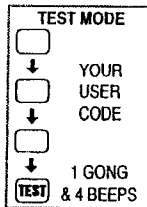


TEST MODE

- Even though this is a self-monitoring supervised system, the National Burglar and Fire Alarm Association recommends that all security systems should be tested manually on a regular basis.
1. The system must be in Off Mode before switching to Test Mode.
 2. Switch the system into Test Mode by entering a user code and pressing TEST.
 - * When the system is switched to the Test Mode, a "Gong" and four "Beeps" will sound.
 3. Hold down the TEST button to light all of the keypad's indicators, then release the TEST button.
 - * The sensor status indicators will flash for each sensor programmed into the system.
 4. Go to each sensor and press its test button or open and close the protected opening.
 5. To test the wireless keypad, press the wireless keypad's **A** key.
 - * A "bing" will sound as each sensor is tested.
 - * As each sensor is tested, the sensor status indicator for the sensor will stop flashing and return to showing the current status of the sensor.
 6. Continue testing until there are no flashing status indicators.
 - **NOTE: If the system is left unattended in Test Mode, it will automatically switch back to Off Mode after 3 minutes.**

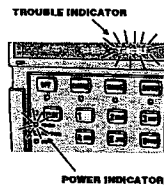


SYSTEM TROUBLE INDICATIONS

- The DUAL 824 system is a self-monitoring supervised wireless system.
- If the system detects a problem with any of the supervised system sensors or backup battery, it will display the appropriate trouble indication and, if monitored, report the trouble to the Central Station through the communicator (depending on communicator programming).
- If any of the following conditions occur, the keypad's TROUBLE indicator will light. The specific cause of the condition can be determined by viewing the POWER, BATTERIES, or RADIO indicator.

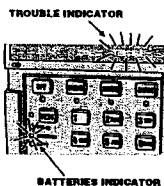
SYSTEM LOW BATTERY

- The system constantly charges and monitors its backup battery.
- If the backup battery condition is **abnormal**, the **POWER** light will indicate the trouble.
 - * The **POWER** indicator normally glows when AC power is on.
 - * With a charged backup battery, if the system loses AC power, the **POWER** indicator will blink as the system runs on the backup battery.
 - * If the backup battery is low, recharging, or not installed, the **POWER** indicator blinks when AC power is present.
 - * If the AC power is off and the backup battery is discharged, or no backup battery is installed, the **POWER** indicator will be off (in this case the system has no power and is disabled).
- Normal battery life for the type of backup battery used in this system is 3-5 years. If the battery does not take a charge in 72 hours, it should be replaced.



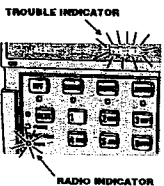
SENSOR LOW BATTERIES

- When the **BATTERIES** indicator blinks, one or more wireless sensors have a low battery.
- Press ***** for two seconds to view sensor status. Sensor status indicator for any sensor with a low battery will light along with the **BATTERIES** indicator.
- Replace the sensor's battery as described in their instructions or contact your installing alarm dealer.
- Switch to Test Mode after replacing the sensor battery and completely test the system (see Test Mode). Switching to Test Mode clears the low battery indication.



SENSOR RADIO TROUBLE

- When the **RADIO** indicator blinks, one or more sensors have not reported their status to the Control Panel in eight hours.
- Press ***** for two seconds to view sensor status. The sensor status indicator for any sensor that has not reported in will light along with the **RADIO** indicator.
- Note the exact indications then contact your installing alarm dealer for assistance.
- Switch to Test Mode after servicing the sensor and completely test the system (see Test Mode). Switching to Test Mode clears the trouble indication.



Linear SECURITY DUAL 824

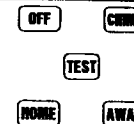
SUPERVISED WIRELESS SECURITY SYSTEM USER'S GUIDE



YOUR INSTALLING ALARM DEALER

SYSTEM OPERATING MODES

- You must enter your secret code before disarming the system (Off or Chime Mode).
- To select Home, Away, or Test Mode, enter your user code and press the desired mode button.
- You can "Quick Arm" to Chime, Home, or Away Mode by holding the desired mode key down for two seconds.



24-HOUR PROTECTION BUTTONS

- The FIRE and EMERGENCY buttons on the keypads are always active. Press and hold the appropriate button for three seconds to sound an instant alarm.
- Disarm the system to Off or Chime Mode to silence the alarm.



EVACUATION PLANNING

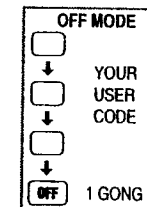
- For systems that include fire protection, UL requires that the following information be available to the users of the system.

The following procedures are to be discussed with the family:

- Draw up a floor plan showing two exits for each room.
- Familiarity with alarm signals.
- Escape fast. No stopping for packing.
- Emphasize that no one is to return to a burning house.
- Periodic rehearsal is to be conducted.
- Status of bedroom doors.
- Crawling and holding breath.
- Meet at designated outdoor spot.
- Fire department notification from a neighbor's phone.
- Testing of door during a fire and use of alternate escape route if door is hot to touch.

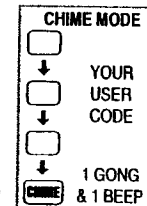
OFF MODE

- Use this mode to disarm the burglary portion of the system.
- The 24-hour buttons are still active in Off Mode and can be triggered by pressing the FIRE or EMERGENCY button.
- Switch to Off Mode by entering a user code, then press OFF.
 - * When the system is disarmed to Off Mode, one "Gong" will sound.
- Switching to Off Mode disarms the system and stops any alarms in progress.
 - * If an alarm has occurred, multiple beeps will sound after disarming and the sensor indicator for the sensor(s) that caused the alarm will flash. Re-arming or switching to Off Mode again will clear the indicators.
- **NOTE: In Off Mode, protected doors and windows cannot trigger the burglary alarm.**



CHIME MODE

- Chime Mode is for monitoring entries and exits without causing alarms.
- Use Chime Mode as an "automatic door chime" when at home.
 - * Opening any protected door or window causes the keypad to sound a "ding-dong".
- Select the Chime Mode by entering a user code, then press CHIME.
- You can enter Chime Mode from Off Mode by holding down CHIME for two seconds.
 - * When the system is switched to the Chime Mode, a "Gong" and one "Beep" will sound.
- Switching to Chime Mode disarms the system and stops any alarms in progress.
 - * If an alarm has occurred, multiple beeps will sound after disarming and the sensor indicator for the sensor(s) that caused the alarm will flash. Re-arming or switching to Chime Mode again will clear the indicators.
- **NOTE: In Chime Mode, protected doors and windows cannot trigger the burglary alarm.**



HOME MODE

- Use this mode when sleeping or when anyone is staying inside.
 - Home Mode causes an instant alarm when any perimeter sensor is triggered.
 - Home Mode causes a delayed alarm when any exit/entry sensor is triggered (except in Home Instant Mode when exit/entry sensors are instant).
 - Each burglary sensor can trigger the siren once per arming period. The alarm siren stops automatically after five minutes and the system will remain armed.
 - Home Mode ignores all interior sensors (motion detectors, etc.).
 - Arm to Home Mode by entering a user code, then press HOME.
 - You can "Quick Arm" to Home Mode from Off or Chime Mode by holding down HOME for two seconds.
 - * When the system is armed to the Home Mode, a "Gong" and two "Beeps" will sound.
 - Enter a user code and press OFF or CHIME to disarm from Home Mode and/or stop the alarm siren.
 - * If an alarm has occurred, multiple beeps will sound after disarming and the sensor light for the sensor(s) that caused the alarm will flash. Switching to Off or Chime Mode again or re-arming will clear the indicators.
- **CAUTION: WHEN DISARMING, IF MULTIPLE BEEPS SOUND, AN ALARM HAS OCCURRED. USE CAUTION, AN INTRUDER MAY STILL BE PRESENT.**

SECURE EXIT

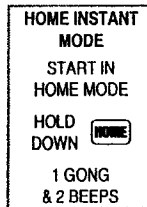
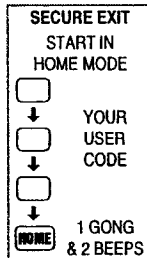
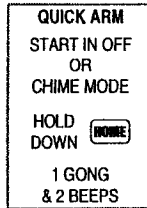
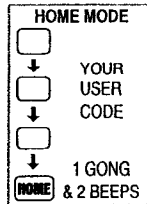
- If the system is already in the Home Mode and you want to exit the premises while leaving someone inside with the system still armed in Home Mode, enter a user code and press HOME.
 - * A "gong" and two "beeps" will sound and the HOME indicator will blink for 60 seconds. No exit delay beeps will sound during the silent Exit Delay.
- You can leave through a door with a delayed perimeter sensor during the 60 second Exit Delay without causing the system to begin an Entry Delay.
- Re-entering during the silent Exit Delay will extend the Exit Delay another 60 seconds (one time only).

HOME INSTANT MODE

- If the system is already in the Home Mode and you want to make all exit/entry sensors instant, press HOME for 2 seconds.
 - * A "gong" and two "beeps" will sound and the HOME indicator will blink continuously.
- Because all exit/entry sensors will now cause an instant alarm when in Home Mode, the system must be disarmed before opening any exit/entry delay door.

MANUAL BYPASSING OF SENSORS

- Manual bypassing of sensors in the Home Mode allows you to arm the system at night with open windows, while still having perimeter protection with other closed doors and windows. If the READY indicator is lit, all sensors are closed.
 - If the READY indicator is not lit, the system will resist arming because of open door or window sensors.
 - * Four high-low beeps will sound to warn you that something is open and the system will remain in the previous mode.
 - * Lit sensor status indicators will show which sensors are open.
 - To manually bypass the open sensors, arm the system again within 5 seconds.
 - * A "gong" and two "beeps" will sound, the HOME indicator will light, and the open sensors will be bypassed.
- **WARNING: Bypassed sensors cannot cause an alarm.**



AWAY MODE

- Use this mode when no one will be staying home.
- Away Mode causes an instant alarm when any perimeter sensor is triggered.
- Away Mode causes a delayed alarm when any exit/entry sensor is triggered.
- Away Mode causes an instant alarm when any interior sensors (motion detectors, etc.) are triggered. The interior sensors will be delayed if an exit/entry sensor is triggered first.
- Each burglary sensor can trigger the siren once per arming period. The alarm siren stops automatically after five minutes and the system will remain armed.
- Arm to Away Mode by entering a user code, then press AWAY.
- You can "Quick Arm" to Away Mode from Home, Chime or Off Mode by holding down AWAY for two seconds.

EXIT DELAY (For Leaving the Premises)

- * When the system is armed to the Away Mode, a "Gong" and three "Beeps" will sound.
- * During the 60 second Exit Delay, "beeps" sound (double beeps during the last 10 seconds) and the AWAY and ARMED indicators blink.
- The Exit Delay gives you 60 seconds to leave the premises through an exit/entry door without triggering an alarm.
- Re-entering during the Exit Delay will extend the Exit Delay another 60 seconds (one time only).
 - * When the Exit Delay is over, one "gong" sounds to warn you that the system is fully armed and the ARMED indicator will light steady.

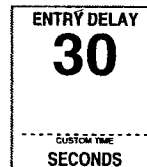
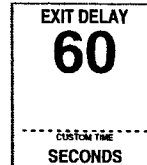
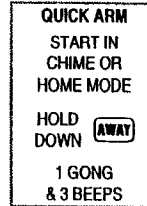
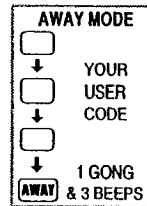
ENTRY DELAY (For Entering the Premises)

- The Entry Delay gives you 30 seconds to enter the premises through an exit/entry door without triggering an alarm.
- If an exit/entry sensor is triggered, starting the Entry Delay, the interior sensors will also become delayed (this allows motion in the premises during the Entry Delay).
 - * During the 30 second Entry Delay, "beeps" sound.
- When the Entry Delay is over, the system will go into full alarm and sound the siren if it is not disarmed to the Off or Chime Mode.
 - * If an alarm has occurred while you were gone, multiple beeps will sound after disarming and the sensor light for the sensor(s) that caused the alarm will flash. Switching to Off or Chime Mode again or re-arming will clear the indicators.

➤ **CAUTION: WHEN DISARMING, IF MULTIPLE BEEPS SOUND, AN ALARM HAS OCCURRED. USE CAUTION, AN INTRUDER MAY STILL BE PRESENT.**

MANUAL BYPASSING OF SENSORS

- Manual bypassing of sensors in the Away Mode allows you to arm the system with open doors and windows, while still having perimeter protection with other closed doors and windows. If the READY indicator is lit, all sensors are closed.
 - If the READY indicator is not lit, the system will resist arming because of open door or window sensors.
 - * Four high-low beeps will sound to warn you that something is open and the system will remain in the previous mode.
 - * Lit sensor status indicators will show which sensors are open.
 - To manually bypass the open sensors, arm the system again within 5 seconds.
 - * A "gong" and three "beeps" will sound, the AWAY indicator will light, and the open sensors will be bypassed.
- **WARNING: Bypassed sensors cannot cause an alarm.**



CODE MODE

- Use this mode to change any of the page alert, duress, or user codes.
- Enter your code and press TEST, enter your code again and press TEST again.
- Enter the index number for the code to change and press HOME.
- Enter the new one to five digit code and press AWAY.
- Repeat the above two steps for other codes or press OFF for three seconds to exit Code Mode.

INDEX #	CODE
92	DURESS CODE
93	USER CODE #1
94	USER CODE #2
95	USER CODE #3
96	USER CODE #4
97	USER CODE #5
98	PAGE ALERT USER CODE